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Self lubricating catheter - consists of semiconductor photocatalyst arranged near surface of medical material which bonds surface modification material when irradiated with UV rays of specified wavelength

Patent Assignee: JAPANESE GEON CO LTD

Inventors: ASANO Y; KAWABATA T; KUMAI Y

Patent Family (1 patent, 1 country)

| Patent Number | Kind | Date | Application Number | Kind | Date | Update | Type |
|---------------|------|----------|--------------------|------|----------|--------|------|
| JP 10277144 | A | 19981020 | JP 199799835 | A | 19970402 | 199902 | B |

Priority Application Number (Number Kind Date): JP 199799835 A 19970402

Patent Details

| Patent Number | Kind | Language | Pages | Drawings | Filing Notes |
|---------------|------|----------|-------|----------|--------------|
| JP 10277144 | A | JA | 2 | 0 | |

Alerting Abstract: JP A

The catheter consists of a semiconductor photocatalyst arranged near the surface of a medical material which bonds a surface modification material when irradiated with UV rays of 400nm.

ADVANTAGE - Eliminates exfoliation. Prevents deterioration of lubricity even in presence of water.

International Classification (Main): A61L-029/00 **(Additional/Secondary):** A61L-033/00

Original Publication Data by Authority**Japan**

Publication Number: JP 10277144 A (Update 199902 B)

Publication Date: 19981020

****SURFACE LUBRICATED MEDICAL TOOL****

Assignee: NIPPON ZEON CO LTD (JAPG)

Inventor: KAWABATA TAKASHI ASANO YOSHINOBU KUMAI YUJI

Language: JA (2 pages, 0 drawings)

Application: JP 199799835 A 19970402 (Local application)

Original IPC: A61L-29/00(A) A61L-33/00(B)

Current IPC: A61L-29/00(A) A61L-33/00(B)

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Dialog® File Number 351 Accession Number 9093721